

B-200 (UC-12B) - LARC 10/27/13

Aircraft: [B-200 \(UC-12B\) - LARC](#) ([See full schedule](#))

Flight Number: G-LiHT/Hyplant Science Flight #6

Payload Configuration: G-LiHT/Hyplant

Nav Data Collected: No

Total Flight Time: 4.6 hours

Submitted by: Richard Yasky on 10/28/13

Flight Segments:

From:	KPHF	To:	KRDU
Start:	10/27/13 14:15 Z	Finish:	10/27/13 16:15 Z
Flight Time:	2 hours		
Log Number:	14B004	PI:	Bruce Cook
Funding Source:	Steven Platnick - NASA - SMD - ESD EOS Project Scientist		
Purpose of Flight:	Science		
Comments:	Sortie on flown to the Duke Forest (North Carolina) Tract after morning weather evaluation. Two sun lines flown and 8 S-N research flight lines under clear skies and light winds from the north. High cirrus was moving progressively closer on each line but remained clear for the data collect.		

From:	KRDU	To:	KPHF
Start:	10/27/13 17:20 Z	Finish:	10/27/13 19:56 Z
Flight Time:	2.6 hours		
Log Number:	14B004	PI:	Bruce Cook
Funding Source:	Steven Platnick - NASA - SMD - ESD EOS Project Scientist		
Purpose of Flight:	Science		
Comments:	After refuel and rebrief at KRDU, sortie was launched to collect over the Parker tract (vicinity of Plymouth NC). Collected two sun lines and 8 research flightlines over test area. Intermittent high cirrus (reported scattered at FL250) over the test area but no visible shadows on the ground. One additional research flight line was collected over the Great Dismal Swamp during the return to Newport News Williamsburg airport (due to runway closure at Langley AFB).		

Flight Hour Summary:

	13B010	14B004
Flight Hours Approved in SOFRS	30	
Flight Hours Previously Approved		0.9
Total Used	8.6	20.5
Total Remaining		-19.6

14B004 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
10/24/13	G-LiHT/Hyplant Science Flight #3	Science	2.7	2.7	-1.8	
10/24/13	G-LiHT/Hyplant Science Flight #3	Ferry	0.8	3.5	-2.6	
10/25/13	G-LiHT/Hyplant Science Flight #4	Science	2.1	5.6	-4.7	
10/25/13	G-LiHT/Hyplant Science Flight #4	Science	1.6	7.2	-6.3	
10/25/13	G-LiHT/Hyplant Science Flight #4	Science	2.1	9.3	-8.4	
10/26/13	G-LiHT/Hyplant Science Flight #5	Science	2.2	11.5	-10.6	

10/26/13	G-LiHT/Hyplant Science Flight #5	Science	2	13.5	-12.6
10/26/13	G-LiHT/Hyplant Science Flight #5	Science	2.3	15.8	-14.9
10/27/13	G-LiHT/Hyplant Science Flight #6	Science	2	17.8	-16.9
10/27/13	G-LiHT/Hyplant Science Flight #6	Science	2.6	20.4	-19.5
10/28/13	G-LiHT/Hyplant Science Flight #7	Ferry	0.1	20.5	-19.6

Source URL: https://airbornescience.nasa.gov/flight_reports/B-200_UC-12B_-_LARC_10_27_13#comment-0

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NASA Official: Bruce A. Tagg

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

13B010 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
09/04/13	G-LiHT/Hyplant ICF EMI/EMC	Science	1.4	1.4	28.6	
09/06/13	G-LiHT/Hyplant ICF EMI/EMC	Science	1.4	2.8	27.2	
09/27/13	G-LiHT/Hyplant Science Flight #1	Science	1.5	4.3	25.7	
09/27/13	G-LiHT/Hyplant Science Flight #1	Ferry	1	5.3	24.7	
09/30/13	G-LiHT/Hyplant Science Flight #2	Science	3.3	8.6	21.4	